Thanks to **BLAKE COURT** for submitting this article.

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☆ the Federal Government build- else. the rush of an emergency re- at the variety of work that happen. sponse unit. The majority of DFCM is involved in. But even there however there is a sense dle. for of pride in knowing what you

day. It was a job that I en- lives. joyed a great deal. The group where people go to enjoy the 🖈 that I worked with took great great outdoors or where they \* satisfaction in knowing that 🖈 I spent almost 12 years with what we did helped someone they go for an education or 🕿

★ back to a group of people that jects either completed or near- in DFCM for making this state ★ ★ have paid a high price to de- ing completion I was reminded a better place to live and work ★ ☆ fend and preserve your rights what a great impact DFCM and raise a family. Thank you ☆ ☆ and freedoms. You saw the makes on this state. We im- for a job well done. results of your efforts every prove the quality of people's

We provide places 🖈 go for medical help. Where 🖈 where they go for help to get  $\Leftrightarrow$ back on their feet. It may be a 🖈 🖈 search facilities for the Depart- I have now worked for DFCM place of last resort for help for 🛧 ment of Veterans Affairs. I for a little over five years. At the individual or a place to 🖈 🖈 spent most of that time here in first there was so much to keep people to protect society. 🖈 🚣 Salt Lake City at the VA Hos- learn and so many projects the It may just be a place they can 🚣 🙀 pital up by the University of feeling was one of being over- go to enjoy beauty, great art in 🚣 Utah. VA hospitals are not the whelmed. After a few years all forms or a sporting event. liveliest of places. There is not you know how to negotiate the In all cases the place did not the joy of a newborn unit or land mines and I was amazed just happen - people make it

the people they serve are well that starts to become com- I think that so often we here at on in years and have medical mon. I had reached the point DFCM get done with a project problems not seen in the aver- where some of the passion for and move on without seeing age community. In working the work had begun to dwin- the benefit that the project was 🛪 to the people that will use it. I 🖈 wanted to take this opportunity 🖈 🖈 are doing gives something During a recent tour of pro- and say thank you to all of you 🕿

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### **☆ DIGITAL INFORMATION**

 $\stackrel{\wedge}{\square}$ ★ With simplicity you lose choice, with complexity you gain confusion.

By this definition, digital information is confusion at its very best. You have more choices than you ever wanted and don't have any idea what to do with them.

In its simplest form, digital information is a bit of data. A "bit" is abbreviated from the

term "binary digit." Bits are simply zeros and ones. You may wonder, is this a joke? No, this is really what makes up your Word documents, digital photos and DVD movies.

(Continued on Page 2)

(Digital Information continued from Page 1)

Arrange these ones and zeros, by the billion one way, and it's a picture of Junior with Rover, another way and it's a copy of your contract with a vendor in Word.

Eight of these bits make up one byte.

One byte defines a character, let's say the letter W.

1,024 bytes is a kilobyte (KB) 1,000 KB is a megabyte (MB)

1,000 MB is a gigabyte (GB) 4.6 GB makes up the movie you watched on DVD over the weekend.

Take a byte of data, and you have what runs every computer system in our world. From nothing . . . . zero, comes everything that most people hate.

Some try to tell you – Computers make our jobs easier. Well . . . . . if we only had to do what people used to do, before computers, yes. Now we do far more than anybody could ever dream of before, we just do it with computers. Our jobs are not easier, we handle far more information than our parents and we do it faster and hopefully with far less errors.

Digital information is handled solely by computers and computers are change— everyone would like them more if the industry didn't "improve" everything every year. If we could just stick to a software package, get good at it, make it our standard and spend our time getting our jobs done instead of trying to figure out the latest "upgrades." The very nature of computers is change, they create it, they promote it and they are it. To look at the history, the very short, less than a single lifetime, the history of computers is a testimony to change.

1941 - Conrad Zuse completed. what is considered by many to be, the first program controlled electromechanical computer. 1946 - The University of Pennsylvania announces ENIAC (Electronic Numerical Integrator And Computer) the world's first large scale computer. 1958 - Bell telephone develops the first modem to transmit binary come the slave. data over phone lines. 1962 - The first computer video game is played, Spacewar. 1964 - SABRE is deployed by IBM to handle airline reservations.

1970 – Floppy disks are invented.

1971 - The Intel 4004 "computer on a chip" is created.

1975 – The first laser printer is available.

1981 – IBM PC defines the beginning of desktop computers. 1983 – TCP/IP makes global "internet" a reality.

1989 - The World Wide Web project is proposed in Europe. 1993 – Digital Equipment Corporation creates the world's first commercial website.

Now – if you search the web for information, in a few seconds you will have access to 20,000 items on your subject, most of which has nothing to do with what you want.

All of it is digital information. We created computers to process this information faster and better. a slave to handle our simple bits of data, to do our work. These computers, our slaves to do our bidding, you have to wonder at what point does the master be-

Thanks to S'EAN CRAWFORD for submitting this article.



### **USING FIRE EXTINGUISHERS** SAFELY AND EFFECTIVELY

home too. Several years ago, know it helped me! arrangements were made to

staff members that have not fire. However, Ms. Coyne points been able to take part in that yet. out that there are times when I feel fortunate that I haven't you can use a fire extinguisher Here at DFCM, we're fortunate needed to use one yet since that effectively. enough to receive meaningful training, but when I saw this arti- the following tips to help you detraining, many times in areas that cle about fire safety, I thought it cide if you should or should not are useful not only at work, but at might be a good reminder. I attempt to fight the fire:

method to safely use fire extin- Safely Use a Fire Extinguisher" has been called. guishers. To me, that was guite by Laura Coyne in the Spring a learning experience - it was a issue of Family Safety and Only use an extinguisher for lot harder than I thought it would *Health*, the first priority for people small, contained fires, such as be! Some of us had a refresher in a fire is to get out safely. Be- one in a kitchen wastebasket. when we took the CERT training, cause fire spreads so rapidly, it but there are still some DFCM is often unwise to try to fight the (Continued on Page 3)

She recommends

Be sure everyone is out of the have hands-on training in the According to the article "Steps to home and the fire department

from Page 2)

Don't try to fight a growing, The type of extinguisher is imspreading fire. If the fire doesn't portant too. Ms. Coyne recomdie down, give it up, get out, and mends the following guidelines: wait for the fire department. Dan Neenan, a certified fire- Choose one that carries the la- of the fire. that, "You're just putting yourself laboratory. at risk" when you try to fight a large fire with a one-pound ex- Select a multi-purpose extintinguisher.

Don't allow kids to use an extin-fires. guisher - it's dangerous and they may not have the strength Select one that you can handle or ability to handle it.

Install fire extinguishers close to heavy it is difficult to handle. an exit. As you are using the extinguisher, keep your back to Read the instructions that come handle, the discharge will stop. leave immediately.

you use it.

National Fire Protection Asso- electrical shock. ciation in Quincy, Massachusetts, points out that, Although hands-on training is the fire appears to be out, watch walls) that you can't see. It's structions on the "PASS" to arrive and check thoroughly which I thought were quite good: for any signs of continued burning before anyone re-enters the home."

Teach kids fire safety. "Remember EDITH" (Exit Drills In The Home), says Neenan. It's wise to practice your escape plan with your family at least twice a year. He uses a Life Safety Trailer, which replicates a Pull the pin at the top of the ex- Article submitted by home, and he teaches kids eight tinguisher that keeps the handle PRISCILLA ANDERSON. and younger about fire safety.

(Fire Extinguishers continued fire hazards, and safe escape plans.

fighter in Epworth, Iowa states bel of an independent testing

guisher labeled "ABC" that you can use on all types of home

- it should be large enough to Stand approximately 8 feet

a clear exit so you can make an with the extinguisher and beeasy escape. If the fire spreads come familiar with its parts and or the room fills with smoke, operation before a fire breaks out. Many times you can get training from your local fire de-Recharge the extinguisher after partment or fire equipment distributor.

Ask the fire department to come Don't use the wrong type of exto your home afterward, even tinguisher, like a water-based though you think you've extin- extinguisher on a charged elecguished the fire. Julie Reynolds, trical appliance. It could be inef-Assistant Vice President for the fective and you risk getting an

"Extinguished fires can re-flare the best, the US Department of it carefully since it may re-ignite! or may still be smoldering in hid- Energy Hanford website has den areas (such as behind prepared some photos and inimportant for the fire department method of using an extinguisher,



from being accidentally pressed.





Aim the nozzle toward the base





put out a small fire but not so away from the fire and squeeze the handle to discharge the extinguisher. If you release the



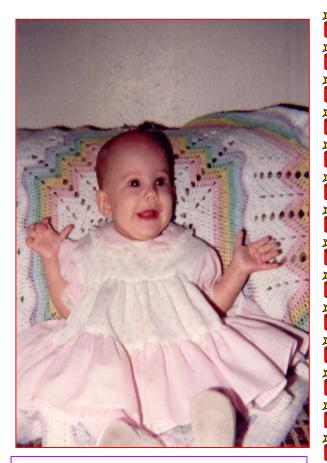
Sweep the nozzle back and forth at the base of the fire. After



Congratulations -- you did it!!!

Hopefully, none of us will have to put these tips to use. I hope we can all have a happy and safe Fourth and Twenty-Fourth of July!

Thanks Priscilla!



Congratulations to Rod Sweet for guessing the spotlight from last month's newsletter. The Guess Who spotlight from June was Wayne Smith.

## "Guess Who"

Hobbies: Running, Hiking, Fishing, Camping, Aerobics, Weight Lifting, Four-Wheeling, Water-Skiing, Snow Skiing, Racquetball... Basically anything outdoors

Hero: I have many heroes in my life....

**Favorite Color: Forest Green and Navy Blue** 

Favorite Food: Corn Flake Chicken & Chicken

Roll-ups

Favorite Song: "Everything I Do-I Do It For You"

**Favorite Movie: Anastasia** 

Favorite Team: Utah Jazz & BYU Cougars

**Favorite Sport: Racquetball and Basketball** 

**Least Favorite Food: Seafood** 

**Favorite TV Show: Seinfeld** 

Favorite Actor/Actress: Meg Ryan

**Favorite Holiday: Christmas** 

**Notable Achievement: Receiving my Bachelors Degree** 

# FOR YOUR INFORMATION: **EMPLOYEE UPDATES**

pounds 10 ounces. Both Mom and baby are doing great. Congratulations!

#### CONGRATULATIONS:

DFCM would like to congratulate **FYI**: **Scott Whitney** for his promotion to Facilities Coordinator. Scott is You may notice that a lower your new position.

June 11, 2003 and weighed 7 duction.

replacing Jake at the Redwood amount of Federal taxes have Road complex. Good luck in been deducted from your pay checks, this is due to the "Jobs and Growth Tax Relief Debbie and Rick Ebert have Reconciliation Act of 2003." a new addition to their family. Your net income will increase Rick Ian Ebert was born on because of the lower tax de-



Contributions from staff are always welcome!

Writing/editing by Annette Julander, Debi Tripp & Priscilla Anderson Additional contributors listed with articles.